

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: March 3, 2022

Utility Name (Cert. No.) UNALASKA, CITY of (106)	Utility File No. PC39-1018M	Date Filed: February 7, 2022
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PCE AMOUNT SUMMARY	Previously Approved PC39-1018L	Staff Recommended PC39-1018M
Class Rate	<u>Date Approved:</u> February 4, 2022	<u>Effective Date</u> March 4, 2022
Residential	\$0.1435	\$0.1741
Small General	\$0.1435	\$0.1741
Large General	\$0.1435	\$0.1741
Industrial	\$0.1435	\$0.1741
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ <u>2.8834</u>	New Fuel Purchase Price: \$ <u>3.3737</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: <u>N/A</u>	Surcharge Change: Previous <u>0.19825</u> Updated <u>0.22718</u>

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 3/3/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u>		
Kurber		<u>KKT</u>		
Scott		<u>AGS</u> AGS		
Sullivan		<u>DS</u> DS		
Wilson		<u>JW</u> JW		

Special Instructions to Staff:

*If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF UNALASKA

POWER COST EQUALIZATION CALCULATION
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

	PC39-1018L	PC39-1018M
	Prior Commission Approval	Staff Recommended
A. Total kWh Generated	57,936,250	57,936,250
B. Total kWh Sold (Appendix 2)	55,325,767	55,325,767
C. Total Non-Fuel Costs (Appendix 2)	8,931,391	8,931,391
D. Non-Fuel Cost/KWH (C / B)	\$0.1614	\$0.1614
E. Total Fuel and Purchased Power Costs	10,504,990	12,291,429
F. Fuel and Purchased Power Costs/KWH	\$0.1899	\$0.2222
G. Eligible Costs/KWH (D + F)	\$0.3513	\$0.3836
H. Eligible Cost/KWH (G) less base rate in effect	\$0.1510	\$0.1833
I. Lesser of (H) or .7997 cents/kWh	\$0.1510	\$0.1833
J. Average Class Rates (Appendix 3)		
Residential	\$0.2479	\$0.2768
Small General	\$0.2234	\$0.2523
Large General	\$0.2719	\$0.3008
Industrial	\$0.3418	\$0.3707
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95%, or (J)		
Residential	\$0.1435	\$0.1741
Small General	\$0.1435	\$0.1741
Large General	\$0.1435	\$0.1741
Industrial	\$0.1435	\$0.1741
L. Funding Level in Effect	100%	100%
Residential	\$0.1435	\$0.1741
Small General	\$0.1435	\$0.1741
Large General	\$0.1435	\$0.1741
Industrial	\$0.1435	\$0.1741

PC39-1018M
 Appendix 1

CITY OF UNALASKA

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

				PC39-1018L	PC39-1018M	
				Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:						
A.	Personnel Costs			2,342,446	2,342,446	2,342,446
B.	Operating Expenses			8,709	8,709	8,709
C.	General and Administrative/Facilities Main.			126,448	126,448	126,448
D.	Administration			1,510,037	1,510,037	1,510,037
E.	Interest Expense/Power Production			542,674	542,674	542,674
F.	Other (Describe)/Line Repair & Maint.			1,201,781	1,201,781	1,201,781
G.	Depreciaton			3,199,297	3,199,297	3,199,297
H.	Total Non-Fuel Costs			8,931,391	8,931,391	8,931,391
Fuel Costs:						
I.	Gallons Consumed for Electric Generation			3,643,265	3,643,265	3,643,265
J.	Price of Fuel: (per gal.)	1/31/2022		\$2.8834	\$3.3737	\$3.3737
K.	Total Cost of Fuel			\$10,504,990	\$12,291,429	\$12,291,429
L.	Total Cost of Purchased Power			\$0	\$0	\$0
M.	TOTAL fuel cost & purchased power			\$10,504,990	\$12,291,429	\$12,291,429
N.	kWh Sold			55,325,767	55,325,767	55,325,767
O.	kWh Station Service			866,641	866,641	866,641
P.	Efficiency	≥	13.5	15.90	15.90	15.90
Q.	Line Loss	≤	12%	3.01%	3.01%	3.01%
(kWh generated-(kWh sold + Station Service))/kWh generated						

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 Appendix 2

CITY OF UNALASKA

Surcharge 0.227180

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$8.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
500	0.233950	0.227180	0.461130	238.57	0.47713	0.2768
500				238.57	0.47713	0.2768
TOTAL (A)						(E)

Rate Schedule: Small General

Customer Charge (CC): \$10.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
500	0.205450	0.227180	0.432630	226.32	0.45263	0.2523
500				226.32	0.45263	0.2523
TOTAL (A)						(E)

Rate Schedule: Large General

Customer Charge (CC): \$50.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
500	0.173950	0.227180	0.401130	250.57	0.50113	0.3008
500				250.57	0.50113	0.3008
TOTAL (A)						(E)

Rate Schedule: Industrial

Customer Charge (CC): \$100.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
500	0.143850	0.227180	0.371030	285.52	0.57103	0.3707
500				285.52	0.57103	0.3707
TOTAL (A)						(E)

Signature: 

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